



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet

1

of

2

Complete If Known	
Application Number	10/645,819
Filing Date	August 20, 2003
First Named Inventor	GREEN et al.
Art Unit	2875
Examiner Name	Unassigned
Attorney Docket Number	SONYP024

U.S. Patent Documents

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A					
B					
C					
D					
E					
F					

Foreign Patent Documents

Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
JMR	G	EP 1 189 173 A2	3/20/02	Nintendo Co., Limited		<input type="checkbox"/>
JMR	H	WO 98/45815	10/15/98	Intergraph Corporation		<input type="checkbox"/>
	I					<input type="checkbox"/>
	J					<input type="checkbox"/>

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
JMR	K	GREEN, "Spherical Harmonic Lighting: The Gritty Detail", XP-002308100, Retrieved from the Internet: URL: http://www.research.scea.com/research/research.html , January 16, 2003
JMR	L	KAUTZ et al., "Fast, Arbitrary BRDF Shading for Low-Frequency Lighting Using Spherical Harmonics", Proceedings of the 13 th Eurographics Workshop on Rendering, PISA, Italy 2002. Eurographics Workshop Proceedings ACM New York, NY, USA, 2002, pages 291-335, XP002308101
JMR	M	HEIDRICH et al., "Realistic, Hardware-accelerated Shading and Lighting", Computer Graphics. SIGGRAPH 99 Conference Proceedings. Los Angeles, California, August 8-13, 1999, Computer Graphics Proceedings. SIGGRAPH, New York, NY: ACM, US, August 8, 1999, pages 171-178, XP001032897

Examiner Signature	<i>David Reffkin</i>	Date Considered	8/10/2005
--------------------	----------------------	-----------------	-----------

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

FEB 10 2005

PTO/SB/08A(08-03)



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet

2

of

2

		<i>Complete if Known</i>	
Application Number	10/645,819		
Filing Date	August 20, 2003		
First Named Inventor	GREEN et al.		
Art Unit	2875		
Examiner Name	Unassigned		
Attorney Docket Number	SONYP024		

U.S. Patent Documents

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A					
B					
C					
D					
E					
F					

Foreign Patent Documents

Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
G						<input type="checkbox"/>
H						<input type="checkbox"/>
I						<input type="checkbox"/>
J						<input type="checkbox"/>

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
JMR	K	HADWIGER et al, "Hardware-Accelerated High-Quality Filtering on PC Hardwar", International Workshop on Vision, Modeling and Visualization. Proceedings, XX, XX, November 21, 2001, page 105-112, 520, XP009027713
JMR	L	McCOOL et al., "Texture Shaders", Proceedings 1999 Eurographics / SIGGRAPH Workshop on Graphics Hardware. Los Angeles, California, August 8 – 9, 1999, SIGGRAPH / Eurographics Workshop on Graphics hardware, New York, NY: ACM, US, August 8, 1999, pages 117-126, 144, XP000977118
	M	

Examiner Signature	<i>James M. Reiko</i>	Date Considered	8/10/2005
--------------------	-----------------------	-----------------	-----------

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.